



PHILIPS

Philips Medical Systems DMC GmbH

**SERVICE MANUAL
742
UNIT**

Replacement of the PCB Basis Interface-Control

4512 104 97451

DMC Hamburg

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SERVICE MANUAL - UNIT

Replacement of the PCB Basis Interface-control

Author: Thorsten Frenschek

Type No: 4512 104 97451

In case there are any questions concerning this manual,
please send this LOPAD via fax to 49/(0)40/5078 2481

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List of pages and drawings (LOPAD)

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1. Introduction and technical data

1.1. Purpose of manual

When PCB Basis Interface Control (4512 178 00021) is ordered from the service, the service sends a new PCB Basis Interface Control with installed CU interface software EZ150 D6 because the new PCB Basis Interface Control (4512 178 00201) is not compatible with the old CU interface software (4512 113 00311).

1.2. Items supplied

4512 104 97451 Kit: “Replacement of PCB Basis Interface Control”

Consists of:

- 4512 178 00201 Basis Interface Control (EZ 150)
- 4512 113 20321 CU interface software (EZ 150 D6)
- 4512 984 27641 This manual

1.3. Compatibility

The new Basis Interface Control PCB is compatible with PCB Basis Interface Control 4512 178 00021.

1.3.1. Tools/material required

Standard set of service tools

1.4. Safety information

The general legal and factory safety recommendations for this X-ray equipment and the following recommendations must be strictly observed!

Start of operation and maintenance work and, especially, electrical work must only be executed by authorized persons.



Warning!

The system/component must be switched OFF during replacement work. Any X-ray unit produces ionizing radiation which may be harmful if not properly controlled. Therefore, it is recommended that this equipment be operated in accordance with the guidelines set down by the national council on radiation protection.

2. Installation

2.1. General



Warning!

When handling PCBs take all necessary electro static discharge (ESD) precautions!

2.2. Preparatory work

- Turn OFF the generator and ENF1.
- Remove PCB Basis Interface Control EZ150 (4512 178 00021).

2.3. Installation

- Install the new Basis Interface Control EZ150 (4512 178 00201) with the installed CU interface software EZ150 D6 (4512 113 20321).

2.4. PCB Basis Interface Control

- Send the old PCB Basis Interface Control (4512 178 00021) without CU interface software (EZ150D6) to service logistics Hamburg.

2.5. Disposal

- Dispose the old CU interface software (4512 113 00311) according to local regulations.

2.6. Modify the documentation

- Modify the customer card ("*Stammkarte*") (printed on yellow cardboard) and the copy of the customer card (fixed on the cover of the converter group EQ in the generator) by hand.

2.7. Final test

- Switch ENF1 ON.
- Switch the generator ON.
- Test all applicable functions.